



Form GSOP 1-PIN (04/98)

STATE OF CALIFORNIA
Department of General Services - Office of Procurement

PURCHASE ORDER

Page 1

Purchase Order No. Rev. Date
62075 7/ 8/2008

Supplier No.	Solicitation No.	Delivery Date	FOB Point	Invoice Terms
798322	56848	45 Days ARO	Destination	
S DEPT OF CORRECTIONS h T CSP SACRAMENTO REC WHSE i o 100 PRISON RD P REPRESA CA 95671 Attn: BUD SUDER - GARAGE		C CSP SACRAMENTO h a T C/O REGIONAL ACCTG r o PO BOX 187015 g SACRAMENTO CA 95818-7105 e		
Agency Billing		Agency Purchase Estimate		Purchase Estimate Revision
17275		18791859		67169 0
Agency Contact		Phone		Date Received
BUD SUDER, EXT 7332		916-985-8610		

PAPE' MACHINERY, INC.
2850 EL CENTRO ROAD
SACRAMENTO, CA 95833
Attn: DAVID CONGER

Phone: 916-922-7181

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
THE GENERAL PROVISIONS FOR NON-IT COM MODITIES ARE HEREBY INCORPORATED BY REFERENCE. THESE GENERAL PROVISIONS CAN BE OBTAINED BY PHONING (916) 375-4400 OR BY ACCESSING OUR WEBSITE AT: www.documents.dgs.ca.gov/pd/modellang/GPnonIT0407.pdf						
THE FOLLOWING INFORMATION IS PROVIDED FOR AGENCY USE ONLY:						
PRIME CONTRACTOR: NS FISCAL YEAR: 2007/2008						
1	1	EA	2420-422-0104-9	TRACTOR INDUSTRIAL BACKHOE LOADER TRACTOR, BACKHOE LOADER, FOUR WHEEL DRIVE IN ACCORDANCE WITH SPECIFICATION # 2420-08BS-005 OF FIVE (5) PAGES, DATED MAY 05, 2008.	70,000.0000	70,000.00
				Brand: JOHN DEERE Model: 310J		
					Total Value:	70,000.00
<u>TERMS & CONDITIONS:</u> THE FOLLOWING ATTACHED DOCUMENTS ARE PART OF THIS PURCHASE ORDER. 1. SPECIFICATIONS 2420-08BS-005 OF FIVE (5) PAGES, DATED MAY 05, 2008. 2. QUESTIONNAIRE						
<u>F.O.B. Destination</u> For the purpose of this order only F.O.B. Destination will be accepted.						

Sales and/or use tax to be extra unless noted above

Buyer LONNIE WILLIAMS	Phone 916-375-4586	BOC Number
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Department of General Services - Office of Procurement

Form GSOP 2-PIN (04/98)

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Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
<u>DELIVERY INSTRUCTIONS:</u>						
The equipment shall be fully serviced and ready to operate.						
All deliveries shall be made during normal business hour, Monday through Friday, 8:00 AM to 4:00 PM, <u>Except State Holidays.</u>						
Deliver To:						
Department of Corrections CSP Sacramento Receiving Ware House 100 Prison Road Represa, CA 95671 Attn: Bud Suder						
Supplier shall provide 72 hours notification of delivery to the contact person at the delivery location.						
Contact: Bud Suder Phone: (916) 985-8610 X 7332						
Original "Dealers Report of Sale" or "Certificate of Origin" shall be furnished promptly at the time of delivery. The responsible officer of the vendor with the title of the signer also indicated must sign the "Bill of Sale".						
Prior to delivery the Department of General Services, Inspector of Automotive Equipment will inspect the product for compliance to specifications, at the vendor's place of business.						
Completion of inspection or acceptance by the State inspector shall in no way release the dealer from satisfying the requirements of the contract, specifications, and warranty. Deviations from the specified requirements that are detected by the owning agency shall be corrected by the dealer in an expeditious manner at no expense to the owning agency.						
<u>WARRANTY, SERVICE/PARTS, MANUALS, TRAINING:</u>						
<u>WARRANTY:</u>						
The equipment shall be fully warranted to be free from defects in materials and workmanship for minimum of one year from date of acceptance. Manufacturer/Representative services and parts shall be available for minimum of ten years from equipment acceptance date. Vendor shall bear all material, labor and transportation cost for repair of defects and failures occurring within the warranty period.						
<u>SERVICE / PARTS:</u>						
The contract supplier shall have service facilities within California and maintain parts and service capability. The contract supplier shall maintain qualified, factory trained service personnel. Replacement parts must be available within a 72-hour time limit from date of order. Freight or transportation cost for warranted parts is the responsibility of the contractor.						
<u>MANUALS:</u>						
The contractor shall provide two (2) each, operating manuals, shop manuals, and parts books.						
All manuals shall be in English and delivered at the time of delivery						
<u>TRAINING:</u>						
An on-site one (1) time training session shall be provided for six (6) staff, by a trained factory representative. Training shall cover safe operation of the system,						

Department of General Services - Office of Procurement

Form GSOP 2-PIN (04/98)

<i>Purchase Order No.</i>	<i>Revision</i>	<i>Date</i>	<i>Supplier No.</i>	<i>Supplier Name</i>
62075		7/8/2008	798322	PAPE' MACHINERY, INC.

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
				maintance and service..		
				TRAINING LOCATION: Department of Corrections CSP Sacramento,Receiving Warehouse 100 Prison Road Repersa, CA 95671 Contact: Bud Suder, (916) 985-8610 X 7332		
				This Purchase order has been registered into the state contact and procurement registration system (https://www.scpers.dgs.ca.gov/), The registration number is 52400708319538.		
				This purchase order is being awarded on July 08, 2008 pursuant to Government Code Section 13332.17. Any encumbrances made pursuant to this purchase order shall be construed to have been made on the last day of the preceding fiscal year.		
				<u>CHANGE ORDERS:</u> This Purchase Order may be amended, modified, or terminated at any time by mutual agreement of the parties in writing. Change order amending, modifying or terminating the Purchase Order, including any modifications of the compensation payable, may be issued only by the State Procurement Officer. All such change orders shall be in writing and issued only upon written concurrence of the supplier. Termination, as that term is used in this section, does not include termination for default of the supplier.		



STATE OF CALIFORNIA

Bid Specification Loader/Backhoe

2420-08BS-005

Department of Corrections & Rehabilitation

1. Scope:

This specification describes the requirements for a 4-wheel drive loader backhoe for use by the Department of Corrections and Rehabilitations. The loader backhoe will be operated under varying conditions from level ground to hillside operations.

2. Applicable Specifications:

Specifications and standards (latest editions) referenced in this document in effect on the opening of the invitation for bid form a part of the specification where referenced. The vehicle shall meet the requirements of:

- 2.1 Federal Motor Vehicle Safety Standards
- 2.2 Cal-OSHA safety requirements
- 2.3 SAE requirements applicable to loader/backhoe
- 2.4 California Air Pollution Control Board Air Pollution and Exhaust Emission Control requirements.

3. Requirements:

3.1 General

Unit shall have:

- 3.1.1 Ground clearance= 12" minimum
- 3.1.2 Transport length=24' maximum
- 3.1.3 Height to top of cab= 9'-3" maximum
- 3.1.4 Wheel base=84"±6"

3.2 Engine

- 3.2.1 Net peak power-SAE J1349 (or ISO 9249), at rated rpm= 79 hp minimum
- 3.2.2 Net peak torque-SAE J1349 (or ISO 9249) =270 ft-lb minimum
- 3.2.3 Engine shall meet EPA Tier III emission requirements.
- 3.2.4 The following equipment shall be included:
 - Non-spark arresting muffler with rain cap.
 - Fuel filter with water trap.
 - Dual element air cleaner and restriction indicator.
 -

3.3 Transmission

The loader backhoe shall be equipped with minimum of four (4) forward and two (reverse) speeds. Maximum transport speed shall not be less than 20 mph. The transmission shall have neutral locking capability that will in the event the transmission is engaged, prevent the engine from starting or prevent the machine from moving if the engine is started.

3.4 Brakes

The service brakes shall be self-adjusting and self-equalizing. The parking/secondary brake shall be foot or hand operated and the system shall work independently of service brakes and be equipped with a warning light or buzzer. All brakes must conform to SAE J1473 standard, "Braking Performance-Rubber-Tired Earthmoving machines".

3.5 Instrumentation

Instrumentation shall be provided to monitor:

- 3.5.1 Fuel level
- 3.5.2 Engine coolant temperature
- 3.5.3 Engine oil temperature
- 3.5.4 Low alternator output
- 3.5.5 Hydraulic temperature

3.6 Loader

The loader assembly shall be self-leveling and shall be equipped with an automatic return-to-dig. The loader performance shall meet the following requirements:

- 3.6.1 Bucket capacity, multi purpose (clamshell) = 1.25 cu-yd, SAE J742 heaped capacity.
- 3.6.2 Bucket breakout force = 8,100 lbs minimum.
- 3.6.3 Lift capacity (full height) = 5,300 lbs minimum.
- 3.6.4 Digging depth below ground (bucket level) = 7.0 " minimum.
- 3.6.5 Equipped with single lever-control.

3.7 Backhoe

The backhoe assembly shall be fully hydraulic with extendable dipstick, center mounted, and an integral part of the equipment. Backhoe shall be equipped for raising, lowering, digging, swinging and dumping the bucket.

- 3.7.1 Dipstick extension = 3'-6" minimum.
- 3.7.2 Equipped with set of quick couplers (Ref. WAINROY XLS or equivalent).
- 3.7.3 Digging bucket, 24" (Ref. WRXLS-WAINROY or equivalent).
- 3.7.4 Digging force:
 - Bucket Cylinder: 11,000 lb minimum
 - Crowd cylinder = 7,000 lb minimum

- 3.7.5 Digging depth (2' flat bottom):

Retracted = 14'-4" minimum, Extended = 17'-10" minimum

- 3.7.6 Boom lift capacity at ground level:

Retracted = 1,600 lb minimum, Extended = 2,100 lb minimum

- 3.7.7 Control shall be 2-lever manual control changeable between John Deere and CAT style.

3.7 Electrical

- 3.8.1 Voltage: 12 volt
 3.8.2 Alternator Rating: 90 amp
 3.8.3 Battery: Dual battery 1900 CCA (2X850 CCA minimum)

3.8 Lighting

- 3.8.1 4 halogen, 2 front and 2 rear
 3.8.2 Turn signal and flasher: 2 front and 2 rear
 3.8.3 Rear reflectors: 2
 3.8.4 Rear tail / stop: 2

3.9 Tires/wheels

- The loader backhoe shall be equipped with the manufacturer's standard tires for four-wheel application.

3.10 Fuel Tank

- 3.10.1 Capacity: 25 gallon minimum

3.11 Hydraulic System: The loader backhoe shall be equipped with a hydraulic system designed to handle the load requirements when equipped with the equipment specified herein. Any additional auxiliary hydraulics and controls required to operate loader backhoe equipment shall be included.

3.12 Operator's Compartment

- 3.12.1 Shall have ROPS Cab with dual door.
 3.12.2 Seat shall be adjustable suspension type
 3.12.3 System monitoring shall alert operator with one or combination of the following warning
- Warning lights
 - Audible backup alarm
 - Engine oil pressure
- 3.12.4 The operator sound exposure shall meet CALOSHA requirements.
 3.12.4 Additionally, operator's compartment shall have:
- 3.12.4.1 Heater / defroster
 - 3.12.4.2 Lockable engine cover and fuel cap
 - 3.12.4.3 Interior rearview mirror
 - 3.12.4.4 External rearview mirrors
 - 3.12.4.5 Tilt steering wheel

- 3.12.4.6 Air conditioner
- 3.12.4.7 Mounted slow moving vehicle emblem
- 3.12.4.9 Full MFWD (Mechanical Front Wheel Drive Guard)
- 3.12.4.10 Minimum six (6) Cab roof light

3.13 Accessories / Options

Following attachments shall be included with offered loader backhoe:

- 3.13.1 12" digging bucket (ref. WRXLS-WAINROY or equivalent), quantity=1
- 3.13.2 18" digging bucket (ref. WRXLS-WAINROY or equivalent), quantity=1
- 3.13.3 Front counter weight for extendable dipstick -1000 lb max
- 3.13.4 Dual battery with disconnect

STATE OF CALIFORNIA

Bid Specification

2420-08BS-005

Loader/Backhoe

Department of Corrections & Rehabilitation

4. Questionnaire

Bid to be considered complete, following questionnaire must be filled out and submitted with bid package.

Bidder: _____ Date: _____ Solicitation #: _____

Make: _____ Model: _____ year: _____

1. Net power (HP): _____
2. Net torque (ft-lb): _____
3. Maximum travel speed (mph): _____
4. Tier III compliance Yes _____ No _____
5. 4 wheel drive yes _____ No _____
6. Cab ROPS certified yes _____ No _____
7. Alternator capacity (amp): _____
8. Electrical system voltage (volt): _____
9. Loader digging depth (bucket level): _____ inch
10. Loader breakout force (lift cylinder): _____ lb
11. Loader lift capacity (full height): _____ lb
12. Backhoe lift capacity @ ground level: Retracted: _____ lb, Extended: _____ lb
13. Backhoe digging force:
Bucket cylinder: _____ lb
Stick cylinder: _____ lb
14. Backhoe digging depth, 2' flat bottom: Retracted= _____ inch, Extended= _____ inch
15. Extendable dipstick: Yes _____ No _____, Length= _____
16. Quick coupler Yes _____ No _____
17. Fuel Capacity _____ gallon
18. Loader Multi purpose loader bucket included Yes _____ No _____, sizes: _____

STATE OF CALIFORNIA

Bid Specification Loader/Backhoe

2420-08BS-005

Department of Corrections & Rehabilitation

4. Questionnaire

Bid to be considered complete, following questionnaire must be filled out and submitted with bid package.

Bidder: PAPE MACHINERY Date: 17 JUN 08 Solicitation #: 52848

Make: JOHN DEERE Model: 310J year: 2008

1. Net power (HP): 84
2. Net torque (ft-lb): 2700
3. Maximum travel speed (mph): 22.3
4. Tier III compliance Yes X No
5. 4 wheel drive yes X No
6. Cab ROPS certified yes X No
7. Alternator capacity (amp): 90
8. Electrical system voltage (volt): 12
9. Loader digging depth (bucket level): 7' 8" inch
10. Loader breakout force (lift cylinder): 7375 lb
11. Loader lift capacity (full height): 6150 lb
12. Backhoe lift capacity @ ground level: Retracted: 2227 lb, Extended: 1697 lb
13. Backhoe digging force:
Bucket cylinder: 11,106 lb
Stick cylinder: 7,006 lb
14. Backhoe digging depth, 2' flat bottom: Retracted = 14' 5" inch, Extended = 17' 11" inch
15. Extendable dipstick: Yes X No , Length =
16. Quick coupler Yes X No
17. Fuel Capacity 41 gallon
18. Loader Multi purpose loader bucket included Yes X No , sizes: 1.25 cy